



Glenn Research Center



Views of the Future — 25 Years from Today

◆ ***The interactions between turbulence and combustion will be understood at a more fundamental level through Direct Numerical Simulation (DNS).***

- All practical combustion devices, except domestic gas appliances, are *turbulent*.
- DNS will handle quasi-global (say 3-step) kinetic mechanisms for simple fuels (methane, ethane) at low Reynolds numbers.